



PCT09

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/763,329

DATE: 05/08/2002
TIME: 13:31:56

Input Set : A:\SEQLIST-US.txt
Output Set: N:\CRF3\05082002\I763329.raw

ENTERED

4 <110> APPLICANT: Messing, Joachim
5 Lai, Jinsheng
7 <120> TITLE OF INVENTION: Compositions and Methods for Producing
8 High-Level Seed-Specific Gene Expression in Corn
11 <130> FILE REFERENCE: 99-0002 PCT
C--> 13 <140> CURRENT APPLICATION NUMBER: US/09/763,329
C--> 13 <141> CURRENT FILING DATE: 2001-02-22
13 <150> PRIOR APPLICATION NUMBER: US 60/098,034
14 <151> PRIOR FILING DATE: 1998-08-27
16 <150> PRIOR APPLICATION NUMBER: US 60/137,836
17 <151> PRIOR FILING DATE: 1999-06-07
19 <160> NUMBER OF SEQ ID NOS: 6
21 <170> SOFTWARE: FastSEQ for Windows Version 3.0
23 <210> SEQ ID NO: 1
24 <211> LENGTH: 972
25 <212> TYPE: DNA
26 <213> ORGANISM: Zea mays
28 <400> SEQUENCE: 1
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30 taacaataaa acaagtttcc tcttattatc ttttatatc tctccctatc catttttgc 120
31 aagccccatta tccttactc cctaagtccc aatatatttt agaccttaaa ttgtatgtct 180
32 atattcaaaa gaatgacaat aaatcttagac atatatataa aacacataca ttaagtattt 240
33 tatgaatcta ttaaaatgct aaaacgacta atattatggg acggaggag tacttttata 300
34 gtagattaca ttgttatttt ctctattcca aatataagtc tggttttca atcaatcaat 360
35 atatattacc atgtccaaac attttgaatt atatatctag gtgcagcatc cgtgcacgat 420
36 cgtaaaaagaa gcagtcacgg ttgtggtccc aaaaactaat cgtccgttgt cggtcaccta 480
37 taaagattca tgaagagaac caaaaataagg caatataatt aatgtaatat gactcctcct 540
38 tttgaattac ttaggaataa cataagaaaa caaaaaaaaaagg agaagatcaa ggtaaataaaa 600
39 ggcattttgt gagaaaaacat ggaagcataa gaatgcataa gtaatgattt gtgtctcttt 660
40 atatttttt tattcacgtg aatttacata gataccatcg gatgttcgtat ggtaataacaa 720
41 tgatgcctta gctccggagag cttcgaatga tgagcgattt aaaaataactc ctatcaattt 780
42 ttgcggaaatgt ctgtgtctca tgcatggca atgtacctct atttataagg acggtgccgac 840
43 gtacaatattt gtataaaaattt atatttttat tcccaaatcc tatgcataatg tgcgtggggac 900
44 cataatttagg ggtaccctca aggctctaa ttctcagctg gtaaccccat cagcataaaag 960
45 ctgcggaaaggc ct 972
47 <210> SEQ ID NO: 2
48 <211> LENGTH: 456
49 <212> TYPE: DNA
50 <213> ORGANISM: Zea mays
52 <400> SEQUENCE: 2
53 ccatggcagc caagatgcgtt gcattgttgc ctctcctagc tctttgtgca agcgccacta 60
54 gtgcgaccca tattccaggg cacttgcac cagtcatgcc attgggtacc atgaacccat 120
55 gcatqcaqta ctqcatqatg caacaggggc ttggccagctt gatggcgatgt ccgtccctga 180

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56	tgctgcagca actgttggcc ttaccgcttc agacatgcc agtcatgtat ccacagatga	240
57	tgacgcctaa catgtatca ccatttatga tgccgagcat gatgtcacca atggcttgc	300
58	cgagcatgtat gtcgaaata atgtccac aatgtactg cgacgccgtc tcgcagatta	360
59	tgctgcaca acatgttacca ttatgttca accaatggc catgacgatt ccaccatgt	420
60	tcttacagca accctttgtt ggtgtcat tctaga	456
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63	<211> LENGTH: 1102	
64	<212> TYPE: DNA	
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68	cgtccccgtt caatattttt aaaaaactcc tacatttctt tataatcaac ccgcactt	60
69	ataatctttt ctctactact ataataagag agtttatgtt caaaataagg tgaattatgt	120
70	tataagtgtt ctggatattt gttgttggct ccatattcac acaacctaataat caatagaaaa	180
71	catatgtttt attaaaacaa aatttatcat atatcatata tataatataata catatata	240
72	tataatataata taaaccgttag caatgcacgg gcatataact agtgcactt aatacatgtg	300
73	tgttataaga tgaataagag ggtatccaaa taaaaaactt gttcgcttac gtctggatcg	360
74	aaagggggtt gaaacgatta aatctttcc tagtcaaaat tgaatagaag gagatttaat	420
75	ctctcccaat ccccttcgtat catccagggtt caaccgtata agtccataaag tggtaggaa	480
76	cacgaaacaa ccatgcattt gcatgtaaag ctccaagaat ttgtgttac cttaacaact	540
77	cacagaacat caaccaaaat tgacgtcaa gggtatttggg taagaaacaa tcaaccaaaat	600
78	cctctctgtt tgcaagaaaa cacgggttgtt catggcaga tcataactcat ctgtatata	660
79	tgcttacagc tcacaagaca ttacaaacaa ctcatttgc attacaaaga tcgttcatg	720
80	aaaaataaaaa tagggccggac aggacaaaaa tccttgacgt gtaaagtaaa tttacaacaa	780
81	aaaaaaaaagcc atatgtcaag ctaaatctaa ttcttttac gtagatcaac aacctgtaga	840
82	aggcaacaaaa actgagccac gcagaagtac agaatgattt cagatgaacc atcgacgtgc	900
83	tacgtaaaga gagtgacgag tcataatacat ttggcaagaa accatgaagc tgcctacagc	960
84	cgtctcggtt gcataagaac acaagaaatt gtgttaattt atcaaagcta taaaataacgc	1020
85	tcgcatgcct gtgcacttccatccatccac cactgggtct tcagaccatt agctttatct	1080
86	actccagagc gcagaagaac cc	1102
88	<210> SEQ ID NO: 4	
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90	<212> TYPE: DNA	
91	<213> ORGANISM: Zea mays	
93	<400> SEQUENCE: 4	
94	aagcttgcattt gcgtcccggtt ccgtccccgtt tcaatattttt taaaaaactc ctacatttctt	60
95	ttataatcaaa cccgcacttct tataatctttt tctctactac tataataaga gagtttatgt	120
96	acaaaataag gtgaaattttt gtataagtgtt tctggatattt ggttggc tccatattca	180
97	cacaacctaa tcaatagaaaa acatgtttt tatttttacca aaattttatca tataatcatat	240
98	atataatataat atataatataat ataaaccgtt gcaatgcacg ggcataataac	300
99	tagtgcactt taatacatgt gtgtttaatggt atgaataaga ggttgcataaataaaaaact	360
100	tgttgcattt cgtctggatc gaaagggtt ggaaacgattt aaatctttcc ctatgtcaaaa	420
101	ttgaatagaa ggagattttt tctctccaa tcccttcgtt tcatccagggtt gcaaccgttat	480
102	aagtccataaa gtgttggatc acacgaaaca accatgcattt ggcattttttt gctccaaagaa	540
103	tttgggttgcattt ctttacacac tcaacggatca tcaacccaaa ttgcacgtca aggttattgg	600
104	gttggatcataaccaat tccctctgtt gtgttggatc acacgggttgtt tcatgtccat	660
105	atcataactca tctgtatatac atgcttacat ctcacaagac attacaaaca actcatattt	720
106	cattacaaatgttcat gaaaaataaaa ataggccggatc caggacaaaa atccttgacg	780
107	tgttggatcaat tttttttttt tttttttttt tttttttttt tttttttttt tttttttttt	840
108	cgttagatcaaa caacccgttag aaggcaacaa aactgagccatc cgcagaagttt cagaatgtt	900

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109	ccagatgaac catcgacgtg ctacgtaaag agagtgacga gtcataataca tttggcaaga	960
110	aaccatgaag ctgcctacag ccgtctcggt ggcatataagaa cacaagaaaat tgtgttaatt	1020
111	aatcaaagct ataaaataacg ctcgcacgcc tgcacttcc tccatcacca ccactgggtc	1080
112	ttcagaccat tagctttatc tactccagag cgacaaagaa cccggactct agaggatccc	1140
113	ccatggcagc caagatgctt gcattgtcg ctctccatgc tctttgtgca agcggccacta	1200
114	gtgcgaccca tattccaggg cacttgcac cactcatgcc attgggttacc atgaacccat	1260
115	gcatgcgatgtg ctgcacatgtg caacaggggc ttggccagctt gatggcggtt ccgtccctga	1320
116	tgctgcagca actgttggcc ttaccgcctt agacgatgcc agtgcgtatgc ccacagatga	1380
117	tgacgcctaa catgcgttca ccattgtatgc tgccgagcat gatgtcacca atggcttgc	1440
118	cgagcatgtat gtcgcacaaaata atgcgttccac aatgtcactg cgacgcgtc tcgcagatgt	1500
119	tgctgcacaca gcaatttacca ttcatgttca acccaatggc catgacgatt ccacccatgt	1560
120	tcttacagca accctttgtt ggtgcgtcat tcttagatgc acctgcaggc atgcacgtc	1620
121	gagttctcc ataataatgt gtgcgtatgtt cccagataag ggaatttaggg ttcttataagg	1680
122	gtttcgttca cgtgttgaggc atataagaaa cccttagtat gtatgttat ttgtaaaata	1740
123	cttctatcaa taaaatttct aattcctaaa accaaaatcc agtactaaaaa tccagatcac	1800
124	ctaaagtcccc tatagatccg aattcgcggc cgcaagctt	1839
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128	<212> TYPE: DNA	
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131	<400> SEQUENCE: 5	
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138	<212> TYPE: DNA	
139	<213> ORGANISM: Zea mays	
141	<400> SEQUENCE: 6	
142	tcaagctaaa tctaattcgt tccacgtaga t	31

VERIFICATION SUMMARY
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L:13 M:270 C: Current Application Number differs, Replaced Current Application No
L:13 M:271 C: Current Filing Date differs, Replaced Current Filing Date